

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A program executing management system comprising:

a processing element definition unit ~~for storing~~ configured to store, for each identification information of a ~~process~~ service application which sequentially uses ~~a plurality of processing elements, the both~~ identification information and execution order of ~~a plurality of the processing elements used in the process by the service application~~;

a recovery processing element definition unit ~~for storing the~~ configured to store identification information of ~~a~~ at least one recovery processing element to be executed, when an abnormality occurs, for each identification information of the plurality of processing elements;

a number issuing unit configured to issue, when an execution request for the service application is generated, a unique number corresponding to the execution request;

an executing unit ~~for referring~~ configured to identify a processing element use request from the service application for each unique number corresponding to the execution request for the service application issued by the number issuing unit, to obtain a number of the executed processing elements for each unique number corresponding to the execution request for the service application, to refer to said the processing element definition unit on the basis of the number of the executed processing elements, to obtain the identification information of a processing element to be processed executed next, on the basis of a processing element use request from the process, and executing to execute the processing element corresponding to the obtained identification information; and

a recovery executing unit ~~for~~ configured to, when ~~an the~~ an abnormality occurs during execution of ~~a the~~ the processing element by said the executing unit, ~~referring to said~~ refer to the

recovery processing element definition unit on the basis of the identification information of the processing element which has caused the abnormality, and ~~executing a~~ to execute the recovery processing element corresponding to the abnormality, for the unique number corresponding to the execution request of the service application.

Claim 2-4 (Canceled).

Claim 5 (Currently Amended): A computer-readable medium having computer program ~~product~~ code included therein, the computer program code comprising:

a processing element definition code configured to store, for each identification information of a service application which sequentially uses processing elements, both the identification information and execution order of the processing elements used by the service application;

a recovery processing element definition code configured to store identification information of at least one recovery processing element to be executed, when an abnormality occurs, for each identification information of the processing elements;

a number issuing code configured to issue, when an execution request for the service application is generated, a unique number corresponding to the execution request;

an executing code for referring to, on the basis of a process use request from a process which sequentially uses a plurality of processing elements, the identification information and execution order of a plurality of processing elements, stored for each identification information of the process and to be used in the process, obtaining configured to identify a processing element use request from the service application for each unique number corresponding to the execution request for the service application issued by the number issuing code, to obtain a number of the executed processing elements for each unique number

corresponding to the execution request for the service application, to refer to a stored content by the processing element definition code on the basis of the number of the executed processing elements, to obtain the identification information of a the processing element to be processed-executed next, and executing to execute the processing element corresponding to the obtained identification information; and

a recovery executing code ~~for~~ configured to, when ~~an~~ the abnormality occurs during execution of a the processing element by ~~said the~~ executing code, ~~referring to the identification information of a recovery processing element, stored for each identification information of the plurality of processing elements and to be executed when the abnormality has occurred,~~ refer to a stored content by the recovery processing element definition code on the basis of the identification information of the processing element which has caused the abnormality, and executing a to execute the recovery processing element corresponding to the abnormality, for the unique number corresponding to the execution request of the service application.

Claim 6-14 (Canceled).